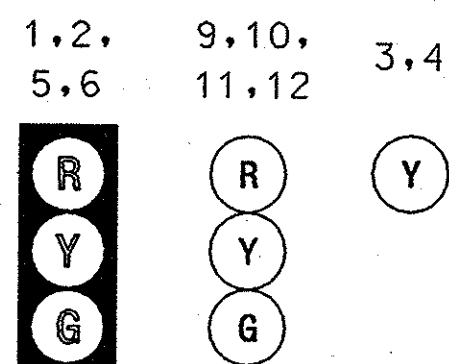


US 40 ALT IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

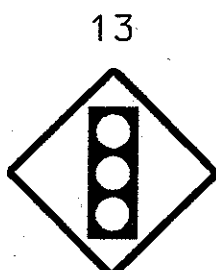
EXISTING SIGNALS TO REMAIN



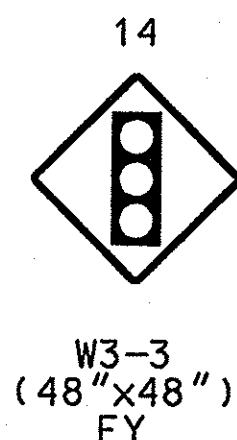
PROPOSED LED SIGNALS

7,8
Y
12"

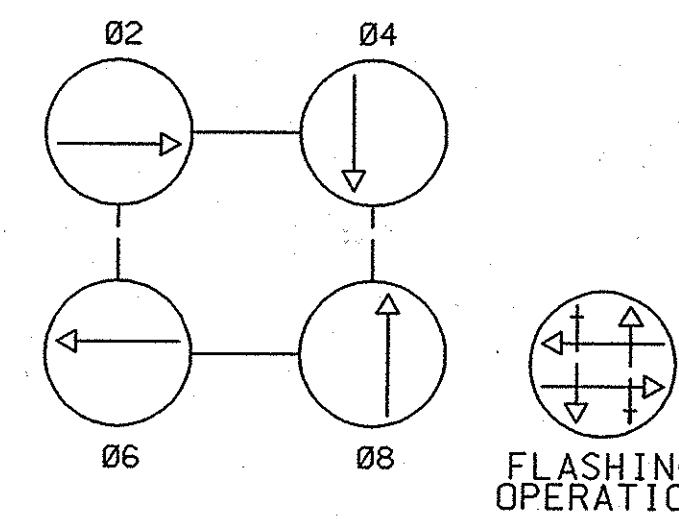
EXISTING SIGNS TO REMAIN



PROPOSED SIGNS



EXISTING NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

TO GRANTSVILLE

RIGHT-OF-WAY

RIGHT-OF-WAY

TO FROSTBURG

US 40 ALT

RIGHT-OF-WAY

RIGHT-OF-WAY

GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
3. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
5. THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATION PRIOR TO INSTALLATION.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. ALL GEOMETRIC MODIFICATIONS WILL BE CONSTRUCTED BY OTHERS.
8. THE CONTRACTOR SHALL REMOVE ALL ABANDONED ELECTRICAL CABLE.
9. 21 FT. STEEL POLE TO BE INSTALLED 2' BEHIND BACK OF CURB.

NOTE:

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE SIGNATURES. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME, THESE PLANS SHALL BE NULL AND VOID. AFTER 1 YEAR, PLANS MUST BE RESUBMITTED TO THE SHA TRAFFIC ENGINEERING DESIGN DIVISION FOR REVIEW.

EAPD PERMIT NO. _____

UTILITY LEGEND

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC

LENHART TRAFFIC CONSULTING
TRAFFIC ENGINEERING & TRANSPORTATION PLANNING

331 Redwood Grove Court Millersville, Maryland 21108
Tel: (410) 987-3888 Fax: (443) 782-2288

GEOMETRIC LEGEND

EXISTING
PROPOSED

CONSTRUCTION DETAILS

- A. REMOVE AND DISPOSE OF EXISTING MAST ARM POLE, CABINET AND W3-3 "SIGNAL AHEAD" SIGN. REMOVE AND DISPOSE OF EXISTING CONCRETE FOUNDATION 12 INCHES BELOW GRADE.
- B. INSTALL 21 FT. STEEL POLE (60 SERIES) WITH 38 FT. MAST ARM, VEHICULAR TRAFFIC SIGNAL HEADS, AND W3-3 SIGNAL AHEAD WARNING SIGN. (NOTE: 1-3 INCH PVC 90 DEGREE BEND) (SEE NOTE 9)
- C. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- D. INSTALL ELECTRICAL HANDHOLE.
- E. USE EXISTING CONDUIT.
- F. USE EXISTING HANDHOLE.
- G. USE EXISTING CABINET AND CONTROLLER.

ONE PROPOSED HANDHOLE TO INSTALL 300' FROM STOP LINE.

RELOCATED
G 21601

APPROVALS

YEAR LEADER	ASST. DIV. CHIEF	DIVISION CHIEF	OFFICE DIRECTOR
-------------	------------------	----------------	-----------------

REVISIONS

① RELOCATE US 219 ALT. DUE TO ROADWAY WIDENING	NOVEMBER 2007
SHA NO. 8999982	
LTC	
MM	

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 4/85 CONTRACT NO. 855-25005

DESIGNED BY DCD COUNTY GARRETT
DRAWN BY DCD LOGMILE 11004008.71
CHECKED BY T.I.M.S. NO. 11004008.71
F.A.P. NO. TOD NO.

DRAWING NO. TS-2068A SHEET NO. 1 OF 2

PLOTTED: Tuesday, November 06, 2007 AT 07:25 PM
FILE: C:\Documents and Settings\Mike\My Documents\Bran\US 219\p89-P000_MD219.dgn